

## **Vegetable Pathologist –China**

**Requisition Number: 00607**

### **Job Description: China Vegetable Pathologist**

*Monsanto is an agricultural company. We apply innovation and technology to help farmers around the world produce more while conserving more. We help farmers grow yield sustainably so they can be successful, produce healthier foods, better animal feeds and more fiber, while also reducing agriculture's impact on our environment, with thoughtful and effective stewardship.*

Monsanto is seeking a highly motivated individual to become an integral member of the China vegetable R&D team. This is a superb opportunity to manage a pathology program in collaboration with a large, multidisciplinary global R&D teams to develop successful new vegetable hybrids. The preferred candidate should be conversant with basic field pathology, epidemiology, molecular and conventional diagnostics, breeding for pathogen/pest resistance, bio-assay development and improvement, data analysis, and prioritization. As a pathologist you will have primary responsibilities in screening for disease resistance of the breeding materials and germplasm in China vegetable breeding programs, executing crop inspection of vegetable production plots, resource allocation, documentation and implementation of QMS tools including field and seed sanitation, supporting pest risk assessment, participating and imparting training and awareness programs related to vegetable pathology. A significant amount of interaction and collaboration is expected with other vegetable pathologists and R&D team members. There will be direct interaction with breeding, foundation seed, and the technology development programs. The successful candidate will also manage, design, develop, and implement the pathology research projects in collaboration with vegetable breeders. You will have direct management responsibility of the pathology staff and budget.

The vegetable pathologist will directly interact with the vegetable breeding community and serve as a key member of China vegetable R&D team. The pathologist will also have interaction with other pathology programs in Shandong center of China vegetable R&D. This role offers the prospect to work with the world's the largest developer, grower and marketer of fruit and vegetable seeds in the world. We lead the development of hybrids with effective disease resistances that boost crop yields, limit spoilage and reduce the need of chemicals. This role provides opportunities for the development of novel approaches/methodologies and creative application of existing methods for the enhancement of pathogen characterization and disease resistance screening.

#### **Key responsibilities include:**

- Lead field pathology activities in the R&D organization in South China.

- Provide the vegetable breeding groups with sufficient service of screening for resistance to disease.
- Direct and manage all components of a successful vegetable pathology program in South China.
- Provide scientific expertise to our pathology activities in China.
- Provide technical expertise to our pathology laboratory activities and field trialing activities across South China.
- Coordinate with multiple stakeholders, including but not limited to breeders, scientist and commercial staff.
- Development of innovative tools to further optimize the efficacy and efficiency of disease resistance assays.
- Work in a highly matrixed team environment to develop and execute experiments involving multiple data types and of variable complexity.

### **Qualifications:**

#### **Required Skills/Experiences:**

- PhD in plant pathology or related fields with 5+ years of relevant laboratory/field pathology experience.
- Must have hands-on experience in molecular and conventional diagnostics, and bio-assay development.
- Demonstrated success in technical proficiency, scientific creativity, and collaboration with others.
- Excellent managerial and organizational skills in matrixed teams; ability to balance multiple tasks and achieve milestones.
- Ability to work in a team-based environment with multidisciplinary teams; effective verbal communication skills.
- Leadership capabilities within the technology community that can extend into other functional areas.
- English and Chinese language fluency and good communication skills are necessary.

#### **Desired Skills / Experience:**

- Breeding for disease resistance.
- Vegetable crop research experience.
- Graduate education or working experience overseas.

#### **Location: Yunnan (Kunming), China**

Applicants can send resume to:

[recruitment.vegetable@monsanto.com](mailto:recruitment.vegetable@monsanto.com)

For more information, please access to [www.monsanto.com](http://www.monsanto.com) or [www.monsanto.com.cn](http://www.monsanto.com.cn)